



Amendment under 37 C.F.R. §1.111  
U.S. App. Ser. No. 10/724,353

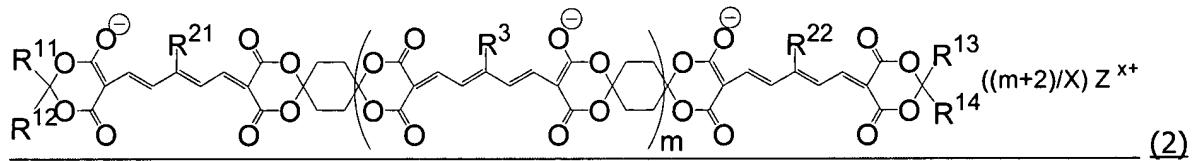
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## **AMENDMENTS TO THE CLAIMS**

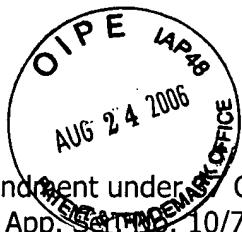
**This listing of claims will replace all prior versions and listings of claims in the application:**

### **LISTING OF CLAIMS:**

**1. (currently amended):** An optical information-recording medium, comprising a dye having at least two chromophores bonded to each other without any conjugated bond intervening between said chromophores wherein the dye is represented by the following formula (2):



wherein R<sup>11</sup>, R<sup>12</sup>, R<sup>13</sup> and R<sup>14</sup> each independently represents a hydrogen atom, a substituted or unsubstituted alkyl group, a substituted or unsubstituted aryl group or a substituted or unsubstituted heterocyclic group, R<sup>21</sup>, R<sup>22</sup> and R<sup>3</sup> each independently represents a hydrogen atom, a substituted or unsubstituted alkyl group, a substituted or unsubstituted alkoxy group, a substituted or unsubstituted aryl group, a substituted or unsubstituted aryloxy group, a substituted or unsubstituted heterocyclic group, a halogen atom, a carboxyl group, a substituted or unsubstituted alkoxy carbonyl group, a cyano group, a substituted or unsubstituted acyl group, a substituted or unsubstituted carbamoyl group, an amino group, a substituted amino group, a sulfo group, a hydroxyl group, a nitro group, a substituted or



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unsubstituted alkylsulfonylamino group, a substituted or unsubstituted arylsulfonylamino group,  
a substituted or unsubstituted carbamoylamino group, a substituted or unsubstituted  
alkylsulfonyl group, a substituted or unsubstituted arylsulfonyl group, a substituted or  
unsubstituted alkylsulfinyl group, a substituted or unsubstituted arylsulfinyl group or a  
substituted or unsubstituted sulfamoyl group, m represents an integer of 0 or more, R<sup>3</sup>'s may be  
the same or different when m is 2 or more, Z<sup>x+</sup> represents a cation, and x represents an integer  
of 1 or more.

**2. (original):** An optical information-recording medium as described in claim 1, having a thickness of  $1.2\pm0.2$  mm and comprising two laminates each containing a recording layer including the dye, in which the two laminates are bonded each other so that each of the recording layers is inside,

wherein each of the laminates includes:

a transparent disk-shape substrate having a pregroove formed with a track pitch of 0.6 to 0.9  $\mu\text{m}$  and measuring one of  $120\pm3$  mm and  $80\pm3$  mm in diameter and  $0.6\pm0.1$  mm in thickness; and

the recording layer provided on the pregroove-formed side of the transparent disk-shape substrate.

**3. (original):** An optical information-recording medium as described in claim 1, having a thickness of  $1.2\pm0.2$  mm,

the optical information-recording medium comprising:

    a laminate containing a recording layer including the dye; and

    a disk-shape protective plate;

    in which the laminate and the disk-shape protective plate are bonded each other so that the recording layer is inside,

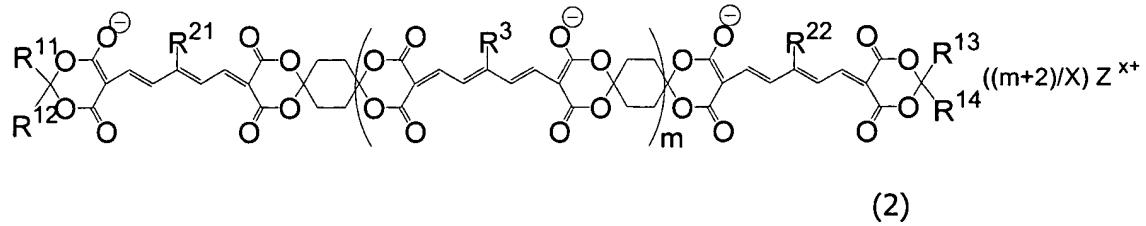
    wherein the laminate includes:

        a transparent disk-shape substrate having a pregroove formed with a track pitch of 0.6 to 0.9  $\mu\text{m}$  and measuring one of 120 $\pm$ 3 mm and 80 $\pm$ 3 mm in diameter and 0.6 $\pm$ 0.1 mm in thickness; and

        the recording layer provided on the pregroove-formed side of the transparent disk-shape substrate.

**4-8 (canceled).**

**9. (original):** An oxonol compound represented by the following formula (2):



wherein  $\text{R}^{11}$ ,  $\text{R}^{12}$ ,  $\text{R}^{13}$  and  $\text{R}^{14}$  each independently represents a hydrogen atom, a substituted or unsubstituted alkyl group, a substituted or unsubstituted aryl group or a substituted or

unsubstituted heterocyclic group,  $R^{21}$ ,  $R^{22}$  and  $R^3$  each independently represents a hydrogen atom, a substituted or unsubstituted alkyl group, a substituted or unsubstituted alkoxy group, a substituted or unsubstituted aryl group, a substituted or unsubstituted aryloxy group, a substituted or unsubstituted heterocyclic group, a halogen atom, a carboxyl group, a substituted or unsubstituted alkoxycarbonyl group, a cyano group, a substituted or unsubstituted acyl group, a substituted or unsubstituted carbamoyl group, an amino group, a substituted amino group, a sulfo group, a hydroxyl group, a nitro group, a substituted or unsubstituted alkylsulfonylamino group, a substituted or unsubstituted arylsulfonylamino group, a substituted or unsubstituted carbamoylamino group, a substituted or unsubstituted alkylsulfonyl group, a substituted or unsubstituted arylsulfonyl group, a substituted or unsubstituted alkylsulfinyl group, a substituted or unsubstituted arylsulfinyl group or a substituted or unsubstituted sulfamoyl group,  $m$  represents an integer of 0 or more,  $R^3$ 's may be the same or different when  $m$  is 2 or more,  $Z^{x+}$  represents a cation, and  $x$  represents an integer of 1 or more.

**10. (original):** A method of recording information comprising recording information on an optical information-recording medium as described in claim 1 by irradiation with laser light having a wavelength of 600 to 700 nm.

**11. (original):** A method of recording information comprising recording information on an optical information-recording medium as described in claim 2 by irradiation with laser light having a wavelength of 600 to 700 nm.

**12. (original):** A method of recording information comprising recording information on an optical information-recording medium as described in claim 3 by irradiation with laser light having a wavelength of 600 to 700 nm.

**13-17. (canceled).**